

Docket No.: 60095-0039

AMENDMENTS TO THE CLAIMS

Please amend Claim 8 as follows:

1. (Previously Presented) A method, comprising:
 - receiving a request from a user for a web page at a first web address, the first web address including a hostname;
 - determining traffic loads of a plurality of mirrored customer web servers, each of the customer web servers storing the web page;
 - determining a customer web server from the plurality of mirrored customer web servers that is appropriate for the request, the customer web server having a traffic load lower than traffic loads of remaining customer web servers from the plurality of mirrored customer web servers;
 - determining an IP address of the customer web server;
 - directing the request from the user to the customer web server; thereafter
 - receiving a request from the user for static content on the web page at a second web address, the second web address including the hostname;
 - determining service metrics of caching servers in a network of caching servers;
 - determining the caching server from the network of caching servers that is appropriate for the request for static content, the caching server having service metrics better than service metrics of remaining caching servers from the network of caching servers;
 - retrieving the static content from the caching server; and
 - providing the static content to the user.

Docket No.: 60095-0039

2. (Previously Presented) The method of claim 1 further comprising determining load of caching servers in the network of caching servers;
wherein determining the caching server from the network of caching servers that is appropriate for the request, the caching server having a latency and a load lower than latency or load of the remaining caching servers from the network of caching servers.

3. (Previously Presented) The method of claim 1 further comprising:
determining whether the caching server includes the static content;
determining a web server that includes the static content when the caching server does not include the static content;
retrieving the static content from the web server that includes the static content;
and
storing the static content from the web server in the caching server.

4. (Previously Presented) The method of claim 3 wherein determining the web server comprises:
determining traffic loads of the plurality of mirrored customer web servers, each of the customer web servers storing the static content; and
determining another customer web server from the plurality of mirrored customer web servers that is appropriate for the request, the another customer web server having a traffic load lower than traffic loads of remaining customer web servers from the plurality of mirrored customer web servers.

5. (Original) The method of claim 4 wherein retrieving the static content from the web server comprises:
determining another IP address of the another customer web server; and
requesting the static content from the another customer web server at the another IP address.

Docket No.: 60095-0039

6. (Previously Presented) The method of claim 1 wherein the network of caching servers comprises a domain name server.

7. (Previously Presented) The method of claim 1 wherein the request from the user for the web page is transferred from a first domain name server;
wherein the network of caching servers comprises a second domain name server;
and
wherein the second domain name server determines the customer web server from the plurality of mirrored customer web servers.

8. (Currently Amended) A method, comprising:
receiving a first request from a client DNS server to resolve a first domain name, the client DNS server receiving a request from a user of a web page address that includes the first domain name;
determining load measurements of a plurality of mirrored customer web servers, each of the customer web servers addressable by the first domain name, and each of the customer web servers configured to service the request from the user;
determining a customer web server from the plurality of mirrored customer web servers, the customer web server having a traffic load lower than traffic loads of other customer web servers from the plurality of mirrored customer web servers;
determining an IP address of the customer web server;
providing the IP address of the customer web server to the client DNS server;
thereafter
receiving a second request from the client DNS server to resolve a second domain name, the client DNS server receiving a request from the user of a uniform resource locator that includes the second domain name;
determining performance metric measurement of caching servers in the a network of caching servers, each of the caching servers addressable by the second domain name;
determining a caching server from the network of caching servers, the caching server having performance metrics lower than performance metrics of other caching servers from the network of caching servers;

Docket No.: 60095-0039

providing the IP address of the caching server to the client DNS server;
retrieving data from the caching server in response to the uniform resource
locator; and

providing the data to the user.

9. (Original) The method of claim 8 wherein the load measurements
comprise latency measurements.

10. (Previously Presented) The method of claim 8 wherein the
performance metric measurements comprise any of: load CPU and memory measurements,
HTTP response measurements, and FTP response measurements.

11. (Previously Presented) The method of claim 8 wherein retrieving
data from the caching server comprises:
determining whether the caching server includes the data;
retrieving data from another customer web server from the plurality of mirrored
customer web servers when the caching server does not include the data; and
storing the data within the caching server.

12. (Previously Presented) The method of claim 11 wherein retrieving
data from the other customer web server comprises:
determining the other customer web server from the plurality of mirrored
customer web servers, the other customer web server having a traffic load lower than traffic
loads of remaining customer web servers from the plurality of mirrored customer web servers;
and
retrieving the data from the other customer web server.

13. (Previously Presented) The method of claim 8 further comprising:
receiving a first request from a second client DNS server to resolve a third
domain name, the second client DNS server receiving a request from a second user of a second
web page address that includes the third domain name;
determining load measurements of a plurality of second mirrored customer web
servers, each of the second customer web servers addressable by the third domain name, and
each of the second customer web servers storing data configured to service the request from the
second user;

Docket No.: 60095-0039

determining a second customer web server from the plurality of second mirrored customer web servers, the second customer web server having a traffic load lower than traffic loads of other second customer web servers from the plurality of second mirrored customer web servers;

determining an IP address of the second customer web server; and
providing the IP address of the second customer web server to the second client DNS server.

14. (Previously Presented) The method of claim 13 further comprising:
receiving a second request from the second client DNS server to resolve the second domain name, the second client DNS server receiving a request from the second user of a second uniform resource locator that includes the second domain name;

retrieving a second set of data from the caching server in response to the second uniform resource locator; and

providing the second set of data to the user.

15-20. (Canceled)